



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Makoto SHIMOSAKA et al.
Title: APPARATUS FOR PULLING A SINGLE CRYSTAL
Appl. No.: Unassigned
Filing Date: AUG 04 2003
Examiner: Unassigned
Art Unit: Unassigned

UTILITY PATENT APPLICATION
TRANSMITTAL

Mail Stop PATENT APPLICATION
Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. § 1.53(b) is the nonprovisional utility patent application of:

Makoto SHIMOSAKA
Sunao ABE

Enclosed are:

- [X] Application Data Sheet (37 CFR 1.76).
- [X] Unexecuted Declaration and Power of Attorney (3 pages).
- [X] Preliminary Amendment (6 pages).
- [X] Specification, Claim(s), and Abstract (17 pages).
- [X] Formal drawings (5 sheets, Figures 1-8).
- [X] Information Disclosure Statement.
- [X] Form PTO/SB/08 with copies of 2 listed references.
- [X] Claim for Convention Priority with 1 certified Japanese priority document.

The filing fee is calculated below:

	Claims as Filed	Included in Basic Fee	Extra Claims	Rate	Fe Totals
Basic Fee				\$750.00	\$750.00
Total Claims:	12	- 20	= 0	x \$18.00	= \$0.00
Independents:	1	- 3	= 0	x \$84.00	= \$0.00
If any Multiple Dependent Claim(s) present:				+ \$280.00	= \$0.00
Surcharge under 37 CFR 1.16(e) for late filing of Executed Declaration and late payment of filing fee				+ \$130.00	= \$130.00
				SUBTOTAL:	= \$880.00
[] Small Entity Fees Apply (subtract 1/2 of above):					= \$0.00
				TOTAL FILING FEE:	= \$880.00

[X] The required filing fees are not enclosed but will be submitted in response to the Notice to File Missing Parts of Application.

Please direct all correspondence to the undersigned attorney or agent at the address indicated below.

Respectfully submitted,

Date AUG 04 2003

By *Richard L. Schwaab*

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